

**PHASE 1 ARCHAEOLOGICAL SURVEY INVESTIGATIONS  
SIX LOCATIONS ALONG NAAMAN'S ROAD  
FROM GRUBB ROAD TO CLEARVIEW AVENUE  
NEW CASTLE COUNTY, DELAWARE**

**DELDOT PROJECT 85-102-03 DELDOT ARCHAEOLOGICAL SERIES NO. 145**

**FHWA FEDERAL AID PROJECT M1194(6),(8)**

**By**

**Richard Hunter and William Liebeknecht**

**HUNTER RESEARCH, INC.**

**Submitted To**

**U.S. DEPARTMENT OF TRANSPORTATION  
Federal Highway Administration**

**and**

**DELAWARE DEPARTMENT OF STATE  
Division of Historical and Cultural Affairs  
State Historic Preservation Office**

**Prepared For**

**DELAWARE DEPARTMENT OF TRANSPORTATION  
Division of Planning  
Location and Environmental Studies Office**

**Eugene E. Abbott  
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**1995**

## **ABSTRACT**

This report documents the results of a Phase I level archaeological investigation of six locations along Naaman's Road from Grubb Road to Clearview Avenue, New Castle County. This work, performed for the Delaware Department of Transportation (DelDOT), involved background research, field investigation, laboratory analysis, and report preparation. The field investigation component of this work consisted primarily of the excavation of 101 shovel tests in six separate proposed stockpile and drainage locations. Background research and archaeological field investigations produced no evidence of significant archaeological resources in locations 2, 4 & 5 and location 3 was inaccessible during the time of the field investigations. Location 1 produced a moderate amount of historic artifacts. These are possibly associated with a 19th-century domestic structure, located immediately to the west or south of the right of way. Additionally in Location 6, field investigations discovered a stone-lined well and an old driveway/access lane about 75 feet south of station 104+20. No structures are shown in these exact locations on the mid- to late 19th-century historic maps of the area. The hypothesized structures may be small tenant houses not depicted on the maps, or may be structures depicted inaccurately at other locations.

It is recommended that Phase II level investigations be conducted in Locations 1 and 6 to clarify the extent, character and significance of the archaeological resources identified at those locations. These investigations should include selective research into deeds and other primary archival materials as well as oral historical research. No further investigations of locations 2, 4 and 5 are considered necessary in connection with the proposed project actions.

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**MANAGEMENT SUMMARY**

Initial background research carried out in conjunction with other recent archaeological survey work in this vicinity did not indicate the former presence of any historic structures within the limits of this study area (Cunningham et al. 1986; Hunter Research, Inc. 1994). Field investigations involved the excavation of 101 shovel tests in six separate proposed stockpile and drainage locations (Figure 1). A summary of soils data and cultural materials recovered is included as Appendix A. All six locations showed signs of topsoil removal and/or disturbance caused by 20th-century development and demolition.

**Location 1 (south of Naaman's Road, just east of Grubb Road, stations 48+75 to 56+00) (Figure 2):**

Location 1 is the proposed site of two stockpile areas and one stormwater detention basin. This location is roughly rectangular in plan, tapers slightly towards the western end, and measures 725 feet east-west by 140 feet north-south. Currently, this area contains a series of one-story residences (constructed c.1960) surrounded by well manicured lawns and ornamental vegetation. These structures are in various stages of removal and all but one has been acquired by the State of Delaware. A total of 27 shovel tests were intended for Location 1, but access was denied by the property owner to the area between stations 50+90 and 51+90, thus reducing the total number of shovel tests excavated to 21 (ST# 1-5 and 12-27). Shovel Test #1 recovered historic cultural materials of potential interest from three separate contexts extending to a depth of 2.4 feet. These artifacts include sherds of porcelain and redware, and fragments of flat and bottle glass. An examination of the surrounding landscape suggests that there was a late 19th-century structure located a short distance to the west. This area exhibits a number of mature trees such as black walnut and oak which may represent plantings in the yard of this property. Nearby by shovel tests (ST# 2-5, 14 and 15) recovered additional 19th-century artifacts but in lesser quantities. No other significant historic features or cultural materials were encountered. Shovel Test 32 recovered the only prehistoric artifact from the project, a jasper flake which was recovered from the topsoil. Two additional shovel tests (ST# 33 and 34) were located on each side of ST# 32 to check for additional prehistoric materials, but none were recovered.

**Location 2 (south of Naaman's Road, just east of Smith Lane, stations 66+00 to 71+00) (Figure 3):**

Location 2 is the proposed site of one stockpile area and one stormwater detention basin. This location is roughly rectangular in plan, tapers towards its western end, and measures 500 feet east-west by 185 feet north-south. Currently, this location contains three one-story residences (constructed c.1950) surrounded by well manicured lawns and ornamental vegetation. A total of 32 shovel tests (ST# 28-59) were excavated in this area. No significant prehistoric or historic features or cultural materials were encountered.

**Location 3 (north of Naaman's Road, just west of Channin Drive, stations 76+00 to 78+75) (Figure 4):**

Location 3 is the proposed site of one stockpile area and one stormwater detention basin. This location is roughly rectangular in plan, tapers towards its western end, and measures 275 feet east-west by 185 feet north-south. Currently, this location contains a two-story residence (constructed c.1970) and a pool, surrounded by a well manicured lawn and ornamental vegetation. A total of eight shovel tests (ST# 60-67) were intended for Location 1, but access to the property was denied by the property owner. No assessment as to significance can be positively made at this time, although the construction of the pool and basement for the house would seem to have destroyed the potential for earlier resources.

**Location 4 (south of Naaman's Road, just east of Brandywood Drive, stations 79+00 to 81+00) (Figure 5):**

Location 4 is the proposed site of one stockpile area. This location is roughly rectangular in plan and measures 200 feet east-west by 120 feet north-south. Currently, this location contains a one-story residence (constructed c.1950) surrounded by a manicured lawn and ornamental vegetation. A total of four shovel tests (ST# 68-71) were excavated in this area. No significant prehistoric or historic features or cultural materials were encountered.

**Location 5 (north of Naaman's Road, just east of North Gate Road, stations 100+75 to 101+50) (Figure 6):**

Location 5 is the proposed site of a sediment control dike. This location is roughly rectangular in plan and measures 75 feet east-west by 185 feet north-south. Currently, this location contains two areas of manicured lawn separated by an ornamental hedge. A total of three shovel tests (ST# 72-74) were excavated in this area. No significant prehistoric or historic features or cultural materials were encountered.

**References:**

Cunningham, Kevin, Colleen DeSantis, Karen McT. Knisely, Jim O'Conner, and Ellis Coleman  
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Hunter Research, Inc.

1994 A Phase I and II Archaeological Survey of Four Locations for Proposed  
Stormwater Management Ponds, Delaware Route 92, Naaman's Road [Section  
IVA] (Darley Road and Marsh Road Intersections), Brandywine Hundred, New  
Castle County, Delaware. On file, Delaware Historic Preservation Office,  
Dover, Delaware.

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April 4, 1995

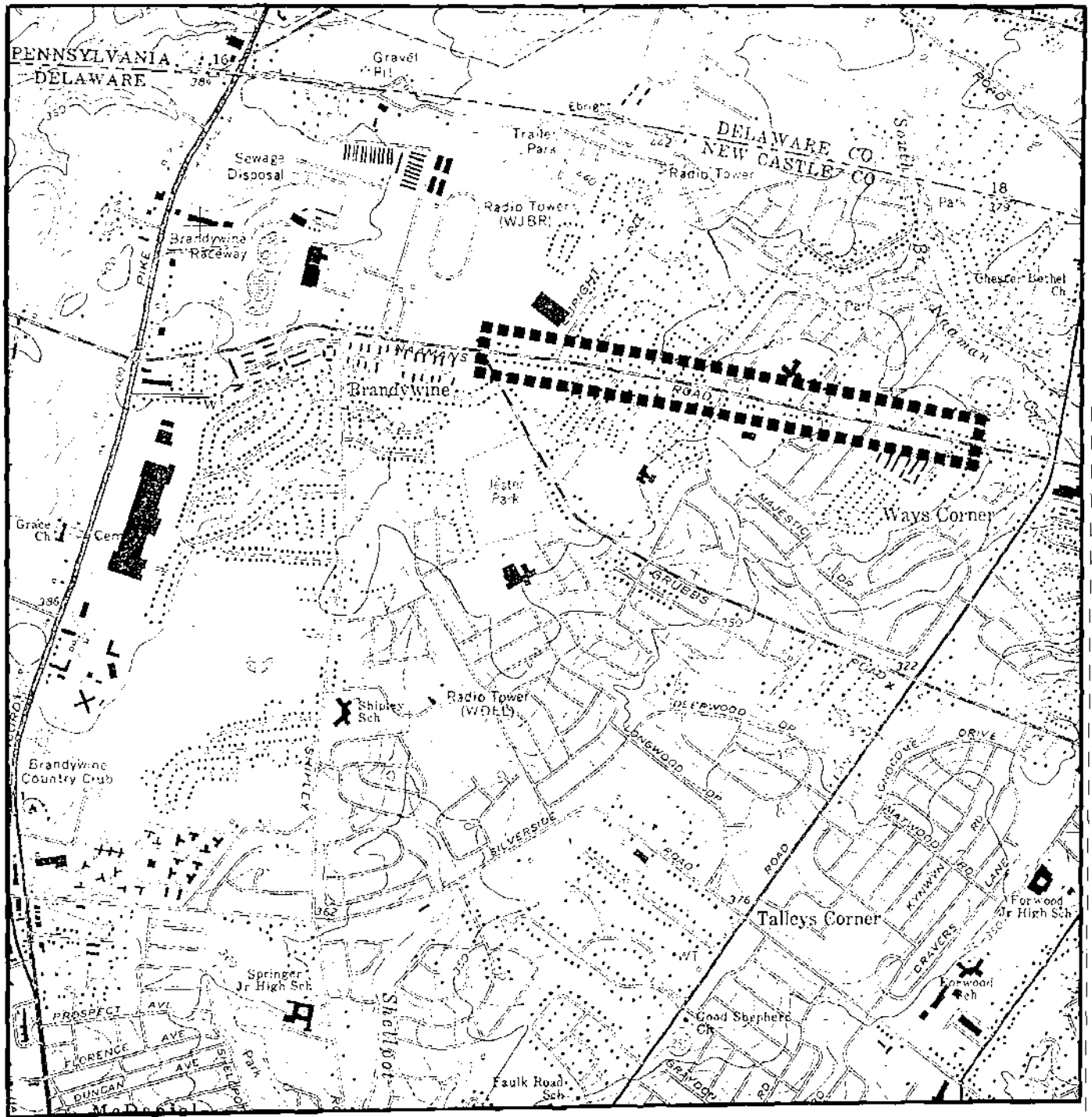


Figure 1. General Project Location Map showing the section of Naaman's Road (Route 92) from Grubb Road to Clearview Avenue. Source: USGS Wilmington North Quadrangle 1987.

# APPENDIX A

ST	Exc. Depth	Layer	Soil Description	Munsell Color	Cultural Materials
1	2.40'	0.00-0.80'	silty loam, with angular gravel	10YR 3/2	Redware; Nail frags; Bottles and Flat glass
		0.80-1.30'	silt	10YR 5/3	Porcelain button; Flat glass
		1.30-2.40'	mottled silty clay	10YR 5/3 10YR 5/4	Redware; Bottle glass
2	2.00'	0.00-0.65'	clay	10YR 4/4 10YR 4/3	* Fuel
		0.65-1.10'	silty clay	10YR 5/3	--
		1.10-2.00'	silty clay	10YR 5/6 10YR 5/3	--
3	2.50'	0.00-1.40'	silty clay	10YR 5/3	* Fuel
		1.40-2.50'	silty clay	10YR 5/6 10YR 5/3	* Glass, Fuel
4	2.00'	0.00-0.80'	clay	10YR 4/4 10YR 4/3	* Fuel
		0.80-1.90'	silty clay	10YR 5/3	--
		1.90-2.00'	silty clay	10YR 5/3 10YR 5/6	--
5	2.20'	0.00-1.00'	silty clay	10YR 4/3	Redware
		1.00-2.20'	clay	10YR 5/6	--
12	2.20'	0.00-0.75'	silty loam	10YR 4/3	* Metal, Bldg. Mat.
		0.75-2.20'	clay	10YR 5/6	--
13	2.00'	0.00-1.10'	silty loam	10YR 4/3	* Organic
		1.10-2.00'	clay	10YR 5/6	--
14	2.40'	0.00-0.90'	silty loam	10YR 4/3	* Metal, Fuel
		0.90-1.05'	clay	7.5YR 4/6	--
		1.05-1.80'	silty loam	10YR 4/3	Pearlware; Schist
		1.80-2.40'	silty clay	10YR 5/4	--
15	2.10'	0.00-1.00'	silty loam	10YR 4/3	Flatglass; Mica redware
		1.00-2.10'	clay	10YR 5/6	--
16	2.80'	0.00-0.25'	sandy loam	10YR 4/3	--
		0.25-0.75'	silty clay	10YR 5/6	--
		0.75-1.45'	mottled sand loam, clay	10YR 5/3 10YR 4/3	--
		1.45-2.80'	med-course sand with clay inclusions	10YR 6/4 10YR 7/1	--
17	2.40'	0.00-0.70'	silty loam	10YR 4/3	* Fuel
		0.70-2.40'	silty clay	10YR 5/6	--

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ST	Exc. Depth	Layer	Soil Description	Munsell Color	Cultural Materials
18	2.00'	0.00-0.10'	silty loam	10YR 4/3	--
		0.10-0.60'	silty clay	10YR 5/4	--
		0.60-0.90'	silty loam	10YR 4/3	--
		0.90-2.00'	silty clay	10YR 5/3	--
19	2.30'	0.00-0.75'	silty loam	10YR 4/3	--
		0.75-1.50'	clay	10YR 5/4	--
		1.50-2.30'	clay	10YR 6/6	--
20	2.20'	0.00-0.50'	silty loam	10YR 5/3	--
		0.50-2.20'	silty clay	10YR 5/8	--
21	2.10'	0.00-0.35'	mottled silty clay	10YR 5/4 10YR 5/6	Whiteware
		0.35-0.90'	silty loam	10YR 5/3	--
		0.90-2.10'	silty clay	10YR 4/4	--
22	2.00'	0.00-1.10'	silty loam	10YR 4/6 10YR 4/3	--
		1.10-2.00'	silty clay	10YR 4/6	
23	2.00'	0.00-0.85'	silty loam	10YR 4/3	* Bldg Mat
		0.85-2.00'	silty clay	10YR 4/6	--
24	2.20'	0.00-0.60'	mottled silty clay	10YR 5/4 10YR 4/4	--
		0.60-1.20'	clay	5YR 5/6	* Glass
		1.20-2.20'	clay	10YR 4/4	--
25	2.30'	0.00-0.80'	silty loam	10YR 4/3	* Glass
		0.80-1.70'	clay	7.5YR 5/4	--
		1.70-2.30'	clay	5YR 5/6	--
26	2.30'	0.00-0.70'	mottled fine sand & loam	10YR 5/4 10YR 4/4 10YR 6/3	* Inorganic
		0.70-1.60'	clay	5YR 5/6	--
		1.60-2.30'	clay	5YR 4/4	--
27	2.40'	0.00-1.25'	silty loam	10YR 4/3	Whiteware
		1.25-2.40'	clay	5YR 4/6	--
28	2.20'	0.00-0.30'	mottled sandy silt	10YR 5/4 10YR 4/3	--
		0.30-1.00'	silt	10YR 5/2 10YR 5/4	--
		1.00-1.30'	silty clay	10YR 5/4	--
		1.30-2.20	silty clay	10YR 5/3	--



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ST	Exc. Depth	Layer	Soil Description	Munsell Color	Cultural Materials
29	2.40'	0.00-0.50'	silty loam	10YR 4/3	--
		0.50-0.90'	silty loam	10YR 5/2	--
		0.90-1.30'	mottled silty clay	10YR 5/2 10YR 5/3	--
		1.30-1.50'	silty clay	10YR 5/3	--
		1.50-1.75'	clay	2.5Y 4/2	--
		1.75-2.40'	clay	10YR 6/2	--
30	2.30'	0.00-1.20'	silty loam	10YR 4/3	* Glass
		1.20-1.50'	silty clay	10YR 5/2 10YR 5/3	--
		1.50-2.30'	clay	2.5Y 5/2	--
31	2.60'	0.00-1.80'	silty clay	10YR 4/3	
		1.80-2.60'	mottled silty clay	10YR 5/4 10YR 6/2	--
32	2.40'	0.00-0.35'	silty loam	10YR 4/2	--
		0.35-1.40'	silty clay	10YR 4/3	1 Jasper Flake
		1.40-2.40'	clay	2.5Y 5/4	--
33	2.40'	0.00-1.70'	silty loam	10YR 4/3	--
		1.70-2.40'	clay	10YR 6/6	--
34	2.20'	0.00-0.20'	silty loam	10YR 4/3	* Glass
		0.20-0.40'	silty clay	10YR 5/3	--
		0.40-1.30'	silty loam	10YR 5/3	--
		1.30-2.20'	silty clay	10YR 6/4	--
35	2.20'	0.00-0.65'	silty loam	10YR 4/2	--
		0.65-2.20'	silty clay	10YR 5/4	--
36	2.50'	0.00-1.50'	silty loam	10YR 4/3	* Bldg Mat
		1.50-2.50'	clay	10YR 6/6	--
37	1.90'	0.00-1.20'	silty loam	10YR 4/3	--
		1.20-1.90'	clay	10YR 6/6	--
38	2.30'	0.00-0.80'	silty loam	10YR 4/3	--
		0.80-2.30'	clay	10YR 6/6	--
39	2.30'	0.00-0.90'	silty loam	10YR 4/3	--
		0.90-2.30'	clay	10YR 6/6	--
40	2.20'	0.00-0.90'	silty loam	10YR 4/3	--
		0.90-2.20'	clay	10YR 6/6	--
41	2.10'	0.00-0.80'	silty loam	10YR 4/3	Redware
		0.80-2.10'	clay	10YR 6/6	--

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ST	Exc. Depth	Layer	Soil Description	Munsell Color	Cultural Materials
42	2.10'	0.00-0.40'	silty loam with charcoal	10YR 4/2	Melted glass
		0.40-2.10'	clay	10YR 6/6	--
43	2.10'	0.00-0.80'	silty loam	10YR 4/2	--
		0.80-2.10'	clay	10YR 6/6	--
44	2.30'	0.00-0.70'	silty loam	10YR 4/3	--
		0.70-2.30'	clay - hit water	10YR 6/6	--
45	2.00'	0.00-0.45'	mottled silt	10YR 5/6 10YR 4/3 7.5YR 5/4	--
		0.45-1.20'	silty clay	10YR 5/3	--
		1.20-2.00'	silty clay	2.5Y 5/4	--
46	2.40'	0.00-1.15'	mottled silt	10YR 5/4 10YR 4/3 7.5YR 5/4	--
		1.15-1.70'	clay silt	2.5Y 5/2	--
		1.70-2.40'	mottled clay	10YR 5/3 10YR 4/2	--
47	2.10'	0.00-0.95'	silty clay	10YR 5/3	--
		0.95-2.10'	mottled silty clay	10YR 5/4 10YR 7/2 10YR 5/3	--
48	1.20'	0.00-0.90'	silty clay	10YR 5/3	--
		0.90-1.20'	silty clay - metal sheet	10YR 5/4 10YR 7/2 10YR 5/3	--
49	2.50'	0.00-1.40'	clay	10YR 5/4	Bone; Bottle glass
		1.40-2.20'	silty clay	10YR 6/3	--
		2.20-2.50'	clay	10YR 5/3	--
50	2.00'	0.00-0.80'	silty loam	10YR 4/2	--
		0.80-2.00'	silty clay	10YR 5/4 10YR 7/2 10YR 5/3	--
51	2.20'	0.00-1.20'	silty loam	10YR 4/2	Ironstone
		1.20-2.20'	silty clay	10YR 5/4	--
52	2.30'	0.00-0.40'	silty clay	10YR 4/6	--
		0.40-1.10'	silty loam	10YR 4/3	--
		1.10-2.30'	silty clay	10YR 5/4	--
53	2.10'	0.00-0.80'	silty loam	10YR 4/2	--
		0.80-2.10'	clay	5YR 5/6	--

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ST	Exc. Depth	Layer	Soil Description	Munsell Color	Cultural Materials
54	2.15'	0.00-0.60'	silty loam	10YR 4/2	--
		0.60-2.15'	silty clay	10YR 5/4	--
55	2.10'	0.00-0.70'	silty loam	10YR 4/3	--
		0.70-2.10'	silty clay	10YR 5/4	--
56	2.20'	0.00-0.50'	mottled clay silt	10YR 5/3 10YR 4/3 10YR 5/6	--
		0.50-1.50'	silty clay	2.5Y 5/3	--
		1.50-2.20'	clay silt	2.5Y 6/4	--
57	2.00'	0.00-1.00'	silty clay - brick flecking	2.5Y 5/3	--
		1.00-2.00'	clay silt	2.5Y 5/4	--
58	2.00'	0.00-0.70'	loam	2.5Y 4/3	--
		0.70-1.50'	silty clay	2.5Y 6/4	--
		1.50-2.00'	mottled clay	10YR 6/1 10YR 5/3	--
59	2.20'	0.00-0.50'	silty clay	10YR 5/4	* Glass
		0.50-2.20'	silty clay	2.5Y 4/3	--
68	2.70'	0.00-0.10'	sandy loam	10YR 5/4	--
		0.10-1.60'	mottled med. sand	10YR 4/6 10YR 6/8	--
		1.60-2.10'	silty clay	10YR 5/4	--
		2.10-2.70'	silt	10YR 5/3	--
69	2.30'	0.00-0.60'	silt	10YR 5/4	--
		0.60-1.30'	silt clay	10YR 4/6 10YR 5/2 7.5YR 5/6	--
		1.30-2.30'	clay silt	10YR 5/6	--
70	2.20'	0.00-0.40'	silty loam	10YR 4/2	Redware
		0.40-2.20'	silty clay	10YR 5/4	--
71	2.20'	0.00-0.65'	clay silt	10YR 4/3	--
		0.65-1.30'	clay	10YR 4/6	--
		1.30-2.20'	clay	10YR 5/6	--
72	2.10'	0.00-0.70'	clay silt	10YR 5/3	--
		0.70-2.10'	mottled silty clay	10YR 7/1 10YR 6/2 10YR 5/6	--
73	2.20'	0.00-0.80'	clay silt	10YR 5/3	--
		0.80-2.20'	silt clay	10YR 7/1 10YR 6/2 10YR 6/6	--

# APPENDIX A

ST	Exc. Depth	Layer	Soil Description	Munsell Color	Cultural Materials
74	2.10'	0.00-0.50'	clay silt	10YR 5/3	--
		0.50-1.00'	silty clay	2.5Y 6/4	--
		1.00-2.10'	mottled silty clay	10YR 7/1 10YR 6/2 10YR 6/6	--
75	2.50'	0.00-0.50'	clay silt	10YR 4/3	--
		0.50-2.50'	mottled heavy clay	2.5YR 4/3 2.5YR 4/4	* Bldg Mat
76	2.10'	0.00-1.10'	mottled clay	2.5YR 4/3 2.5YR 4/4	--
		1.10-1.50'	clay	10YR 5/3 10YR 5/6	--
		1.50-2.10'	mottled clay	2.5YR 4/3 2.5YR 4/4	--
77	2.50'	0.00-1.00'	clay silt	10YR 4/3	--
		1.00-2.50'	mottled clay	2.5YR 4/3 2.5YR 4/4	--
78	2.00'	0.00-0.60'	mottled silty clay	5YR 5/3 10YR 4/3	--
		0.60-1.40'	mottled clay	5YR 5/3 10YR 5/6	* Bldg Mat
		1.40-2.00'	heavy clay	10YR 5/4	--
79	2.10'	0.00-0.80'	silty clay	7.5YR 4/6	--
		0.80-1.30'	silty clay	10YR 5/3	--
		1.30-2.10'	clay	5YR 4/6	--
80	2.50'	0.00-1.10'	mottled silty clay	10YR 4/2 10YR 4/4 7.5YR 5/6	--
		1.10-2.50'	silty clay	10YR 4/3	* Bldg Mat
81	2.20'	0.00-0.20'	silty loam	10YR 3/2	* Bldg Mat
		0.20-0.90'	clay silt	10YR 5/6	--
		0.90-1.30'	clay silt	10YR 4/3	--
		1.30-2.20'	clay silt	10YR 5/6	--
82	2.20'	0.00-1.30'	silty clay	10YR 4/2 5YR 4/6	--
		1.30-2.20'	clay	10YR 5/3	--

# APPENDIX A

ST	Exc. Depth	Layer	Soil Description	Munsell Color	Cultural Materials
83	2.30'	0.00-0.70'	silty clay	10YR 4/3 5YR 4/4	--
		0.70-0.90'	silty clay	10YR 5/3 5YR 4/4	--
		0.90-1.30'	mottled silty clay	10YR 4/3 5YR 4/4	--
		1.30-1.80'	silty clay	10YR 5/3	--
		1.80-2.30'	silty clay	7.5YR 5/3	--
84	1.80'	0.00-1.80'	clay - large rocks	5YR 5/3	Ironstone
85	2.20'	0.00-0.90'	clay silt	10YR 4/2	--
		0.90-2.20'	silt clay	10YR 5/4	--
86	2.40'	0.00-1.70'	clay	5YR 4/4	--
		1.70-2.40'	clay silt	10YR 5/3	--
87	2.00'	0.00-2.00'	silty clay - large rocks	5YR 4/4	* Glass, Organic
88	2.55'	0.00-1.25'	clay	5YR 4/4	* Glass
		1.25-1.70'	clay silt	10YR 5/3	Whiteware
		1.70-2.55'	silty clay	10YR 5/6	--
89	2.70'	0.00-2.70'	clay	5YR 4/4	--
90	2.00'	0.00-2.00'	silty clay - large rocks	5YR 4/4	--
91	2.00'	0.00-1.15'	clay	5YR 4/4	--
		1.15-2.00'	clay silt	10YR 5/3	* Organic
92	2.00'	0.00-2.00'	clay	5YR 4/4	* Inorganic
93	2.10'	0.00-0.95'	silty clay	5YR 4/4	--
		0.95-2.10'	silty clay	10YR 5/6	--
94	2.40'	0.00-0.70'	clay	5YR 4/4	* Bldg Mat
		0.70-1.50'	clay silt	5YR 4/4 10YR 5/6 10YR 4/2	--
		1.50-2.40'	silty clay	10YR 4/2	--
95	2.30'	0.00-0.50'	silty clay	7.5YR 4/6	--
		0.50-2.30'	clay	10YR 5/4	* Organic
96	2.10'	0.00-1.10'	clay	5YR 4/4	--
		1.10-1.60'	clay - layer of plaster, and wood	5YR 4/4	* Bldg Mat
		1.60-2.10'	silty clay	10YR 5/2	--
97	2.20'	0.00-1.10'	clay silt	10YR 5/4	--
		1.10-2.20'	silty clay	10YR 5/3	--

# APPENDIX A

ST	Exc. Depth	Layer	Soil Description	Munsell Color	Cultural Materials
98	2.50'	0.00-1.00'	mottled clay	10YR 4/3 5YR 4/6	Porcelain
		1.00-1.15'	silty loam	10YR 4/3	--
		1.15-1.20'	clay	2.5YR 6/4	--
		1.20-2.50'	clay	2.5YR 6/4 10YR 5/8	--
99	2.10'	0.00-0.50'	mottled clay	5YR 6/3 10YR 4/4	* Fuel
		0.50-2.10'	silty clay	10YR 4/3	--
100	2.30'	0.00-0.60'	mottled clay	5YR 4/3 10YR 4/4	--
		0.60-1.70'	silty clay	10YR 4/3	--
		1.70-2.30'	clay silt	10YR 5/4	--
101	2.50'	0.00-1.60'	mottled clay	5YR 4/3 10YR 4/4	* Plastic
		1.60-2.00'	clay	10YR 4/3	--
		2.00-2.10'	silty clay	10YR 5/6	* Glass, Organic
		2.10-2.50'	clay	10YR 4/3	--
102	2.40'	0.00-0.50'	mottled clay	10YR 4/3 5YR 4/6	--
		0.60-1.10'	silty loam	10YR 4/3	--
		1.10-2.40'	mottled clay	10YR 4/3 5YR 4/6	--
103	2.40'	0.00-0.40'	clay	10YR 4/3	--
		0.40-1.00'	clay silt	10YR 3/4	--
		1.00-2.40'	mottled clay	10YR 5/6 10YR 4/6	--
104	2.20'	0.00-0.50'	mottled clay	10YR 5/6 10YR 4/4	--
		0.50-1.00'	mottled clay	7.5YR 4/6 7.5YR 4/4	--
		1.00-1.55'	clay silt	10YR 4/3	--
		1.55-2.20'	clay	10YR 4/6	--
105	2.50'	0.00-1.50'	mottled clay	5YR 4/3 7.5YR 4/4	--
		1.50-2.50'	silty clay	10YR 5/3	--
106	2.30'	0.00-0.70'	mottled silty clay	10YR 4/3 10YR 5/4	--
		0.70-1.00'	silty clay	10YR 4/3	--
		1.00-2.30'	clay	10YR 5/4	--

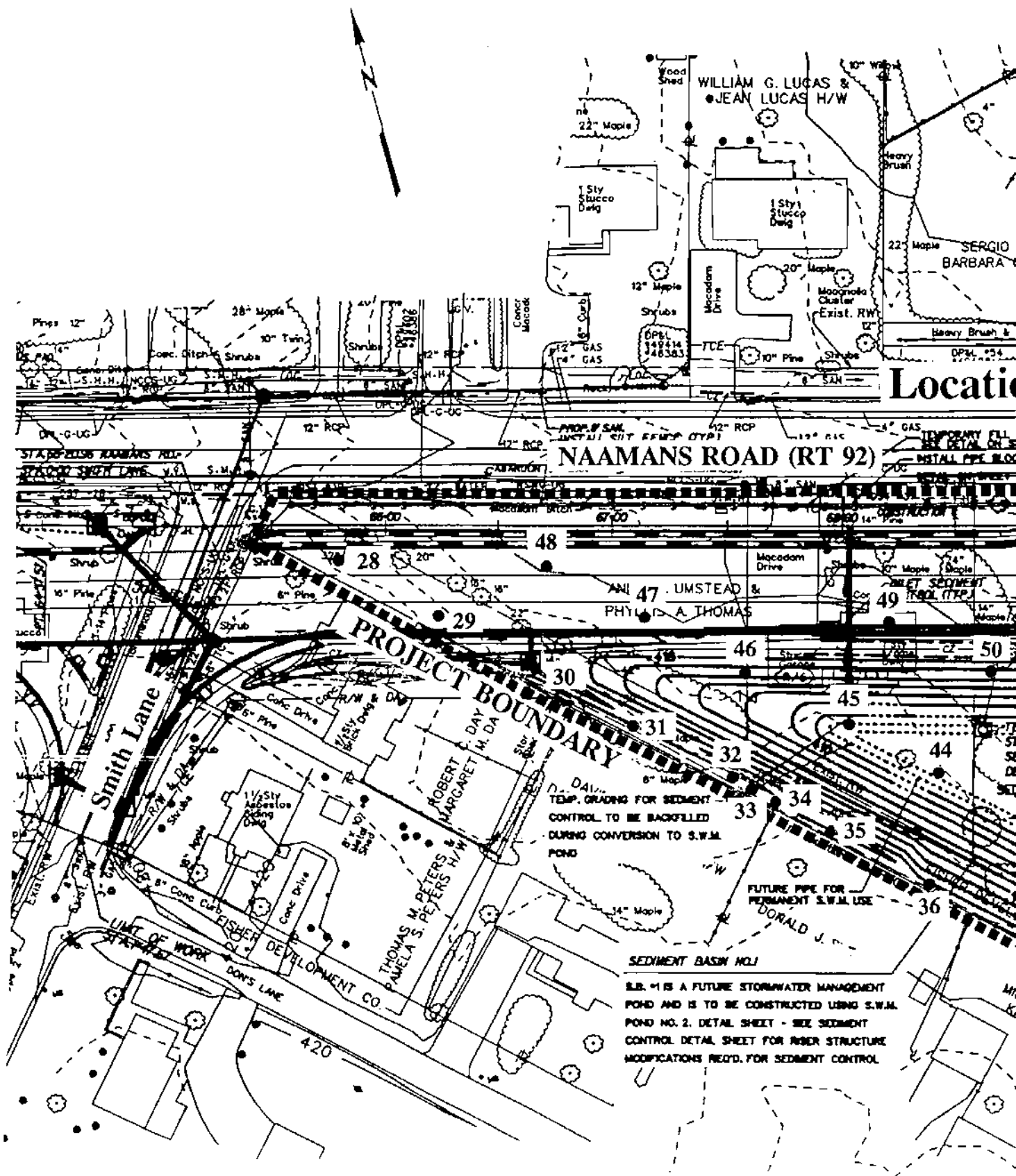
# APPENDIX A

ST	Exc. Depth	Layer	Soil Description	Munsell Color	Cultural Materials
107	2.10'	0.00-1.10'	mottled clay silt	10YR 4/3 10YR 4/6 10YR 4/4	--
		1.10-2.10'	clay silt	10YR 5/6	--
108	2.00'	0.00-0.65'	silty clay	10YR 4/3	--
		0.65-2.00'	clay silt	2.5YR 5/6	--
109	2.50'	0.00-0.60'	mottled silty clay	10YR 3/6 10YR 4/3	--
		0.60-1.30'	silty clay	10YR 5/3	--
		1.30-2.50'	clay	10YR 5/4	--
110	3.10'	0.00-0.85'	mottled clay silt	10YR 4/6 5YR 4/6	PVC Pipe; Flat glass; Asbestos tile
		0.85-3.10'	clay silt with clay inclusions	10YR 5/3 2.5YR 5/4	--
111	2.10'	0.00-0.60'	mottled silty clay	5YR 5/6 10YR 5/4 10YR 4/3	--
		0.60-1.20'	silty clay	10YR 5/4	--
		1.20-2.10'	clay	7.5YR 5/4	--
112	2.20'	0.00-1.60'	mottled clay - crushed rock	10YR 4/3 10YR 5/6	* Glass
		1.60-2.20'	sandy clay	10YR 4/3	Paintchip; Yellowware
113	2.40'	0.00-0.35'	clay	10YR 4/3	--
		0.35-0.90'	mottled clay silt	10YR 4/3 10YR 4/6	--
		0.90-2.40'	clay	10YR 5/4	--
114	3.20'	0.00-0.60'	mottled clay	10YR 5/3 5YR 5/4	--
		0.60'-1.80' (-2.20' west)	mottled clay	10YR 5/4 5YR 5/4	--
		1.80-2.80' east half	clay	10YR 5/6	--
		2.20-3.20' west half	clay silt	10YR 4/3	--
115	2.10'	0.00-0.90'	mottled clay	10YR 7/2 10YR 5/3	--
		0.90-1.35'	silty clay	10YR 4/6	--
		1.35-2.10'	compact clay silt	10YR 5/6	--











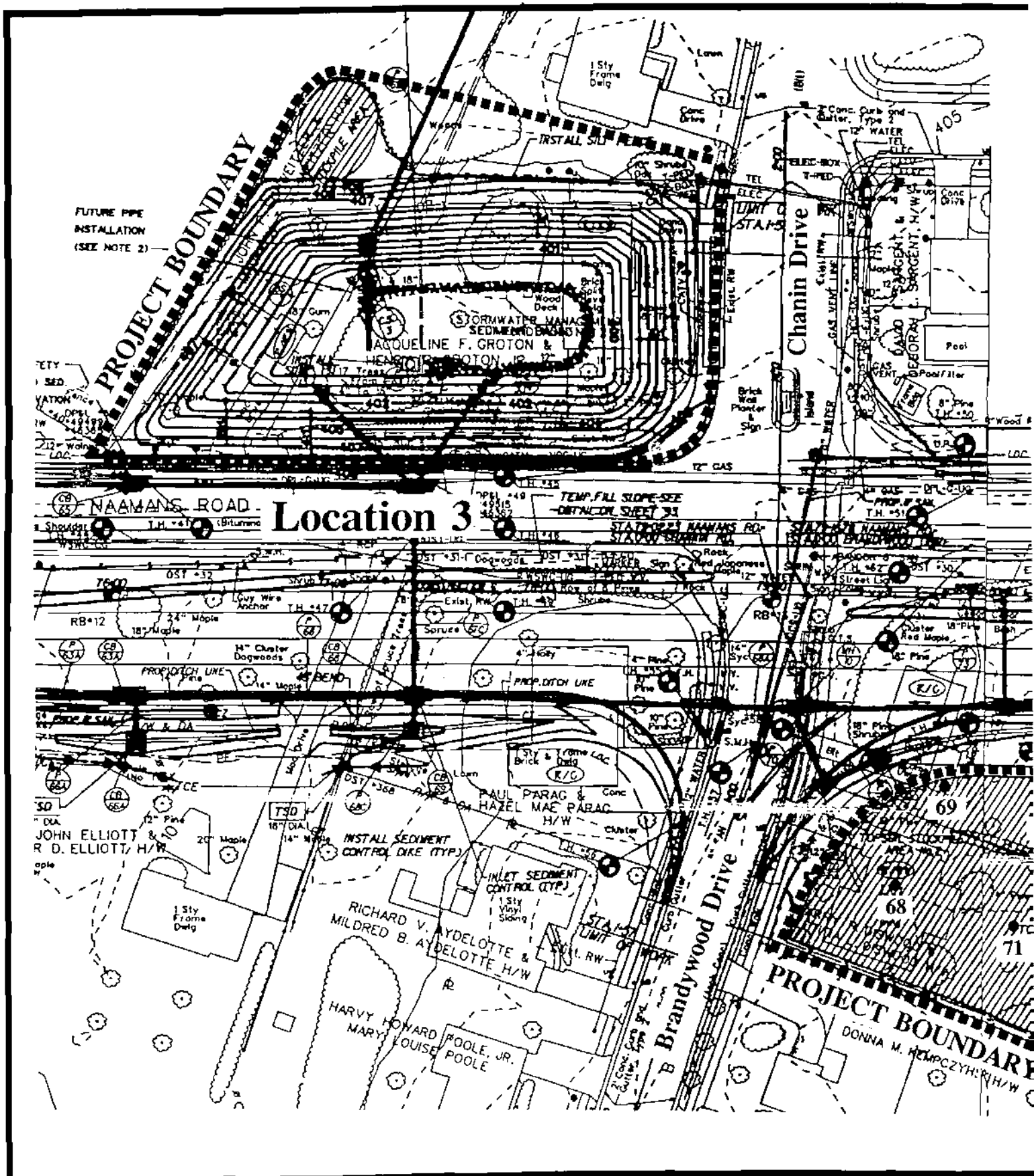
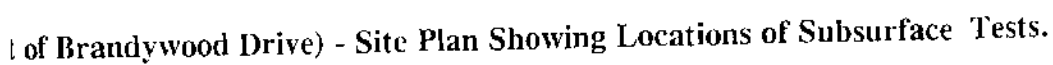
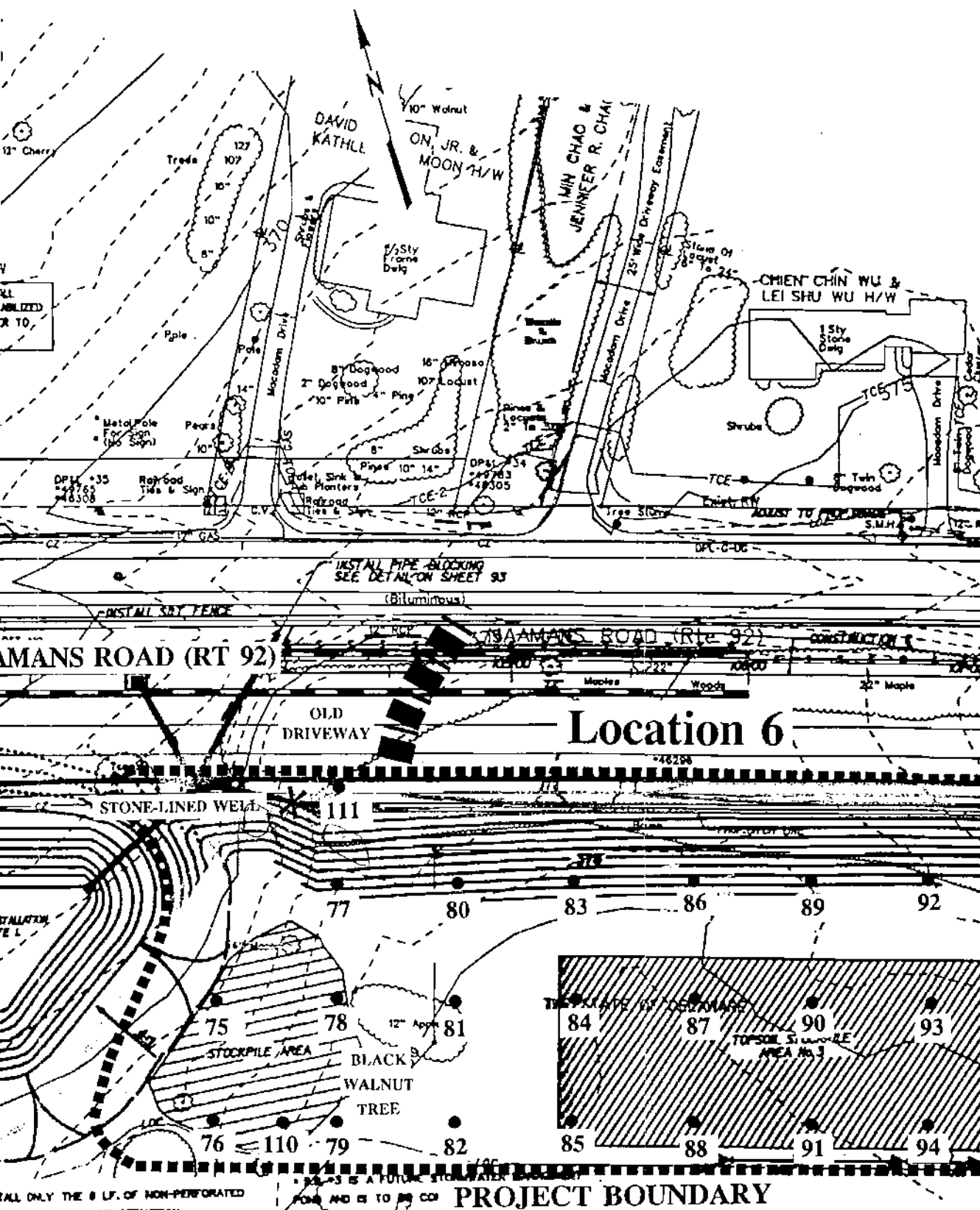


Figure 4. Location 3 (north of Naaman's Road, just west of Channin Drive)  
 Location 4 (south of Naaman's Road, just east of Brandywood Drive)







Location 6 (south of Naaman's Road, east of Mousley Place and west of Clearview Avenue)

Locations of Subsurface Tests.

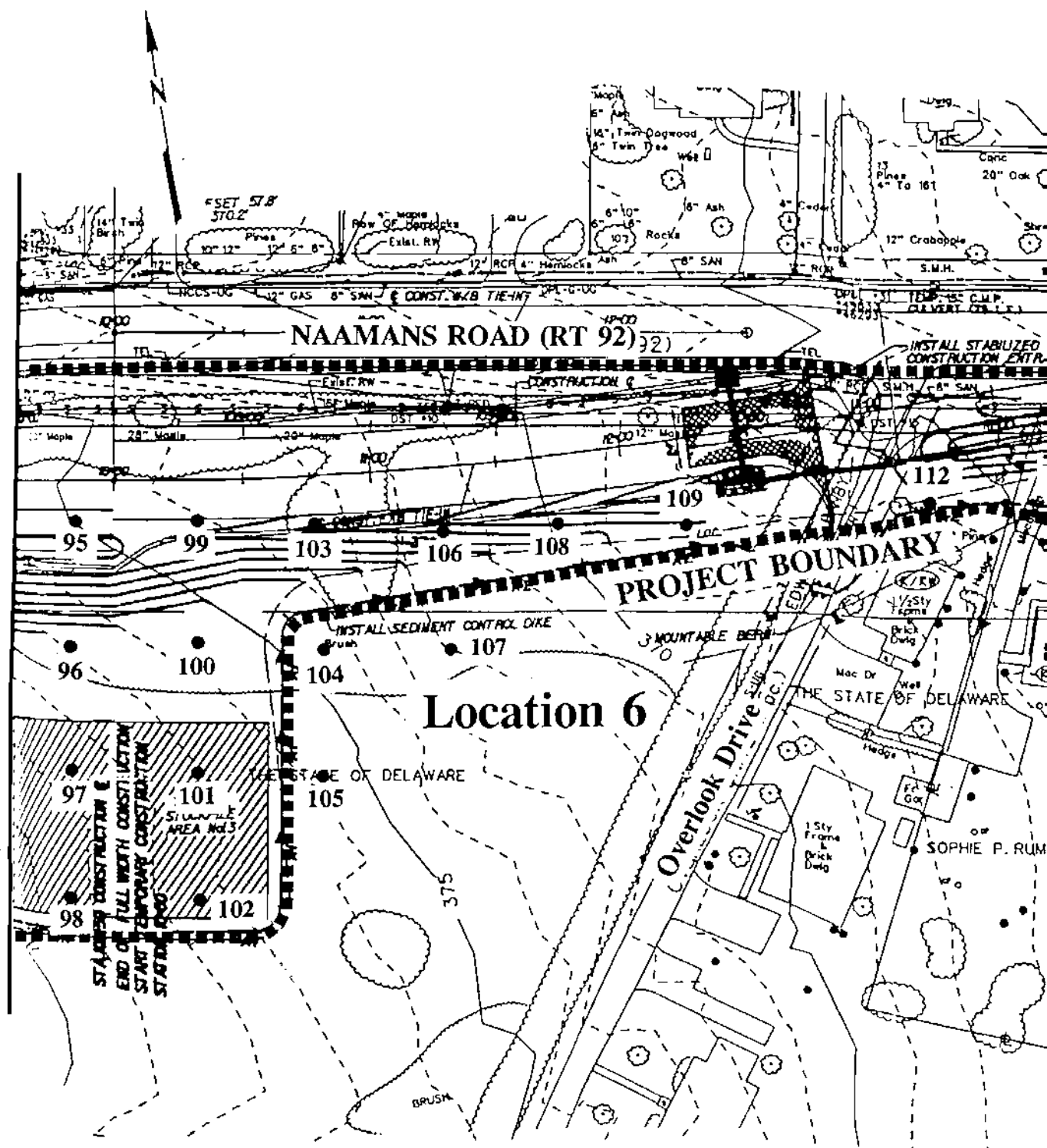
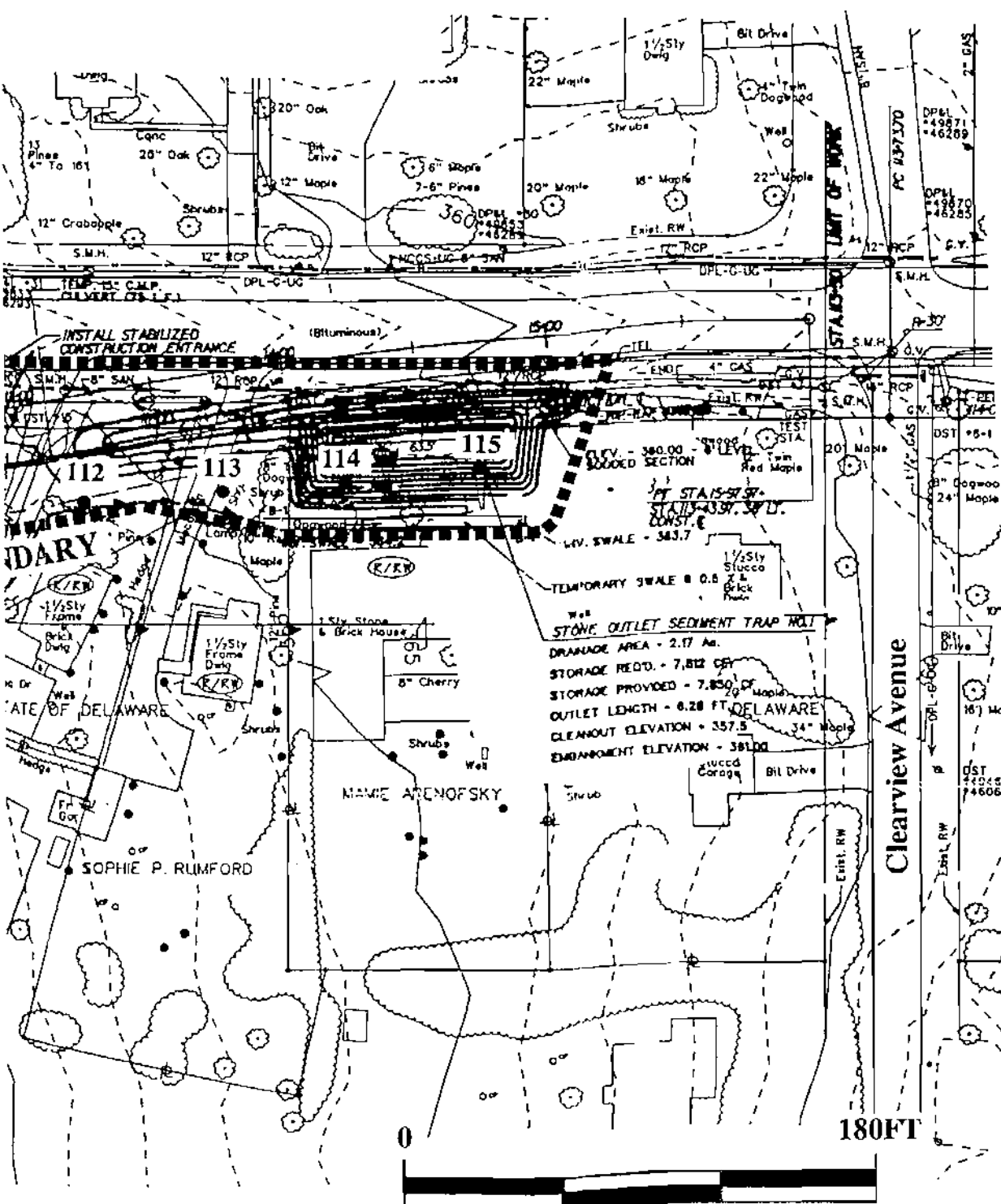


Figure 6. Location 6 (south of Naaman's Road, east of Mousley Place and west of Clearv





and west of Clearview Avenue) - Site Plan Showing Locations of Subsurface Tests.